TAUTOLOGICAL CLASSES OF MATROIDS

Speaker: Hunter Spink
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Time： Wed, Jun. 16, 09:00-10:00 (GMT+8)

Venue: Zoom Room number: 835 1619 7249, Password: 235711

Abstract: A variety of geometric constructions for matroids can be naturally interpreted torus equivariantly via certain "tautological Chern classes", despite oftentimes lacking a natural torus action. Together with an exceptional Hirzebruch-Riemann-Roch formula for permutohedral toric varieties, this synthesizes most directions of research on matroids in algebraic geometry over the past 10 years.